Work Orde November-27-12				*930	4.3*						Page 1
Revision ID:	D2938-1 Saddle LH Ou	t. 206		Accept	*N90	) ) ) ()	1100	)* s	etup Start	171	S1*
	11/27/12	Start Qty: 6.00 Req'd Qty: 6.00	*6* *6*	·	Cust It					ı W.	
Approvals:		in: ML5		•		Date:		R	Run Star Stop	1/1	R1* R2*
Sequence ID/ Work Center ID	)	Operation Description		Set Up/ Run Hours	Tool	ID Tool	# Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Rev	ision Nbr									
- D2938	Rev	C	,	* <b>1</b>							
*100 *100* HAAS I		HAAS CNC VERTICAI	L MACHINING #1	0.00	PO	13/01,	/12	6	Ø		
HAAS CNC vertical	machine #1	number are inspect as p	programmed correctly.2-	ber.1-Inspect part number Machine Step No 1 of Fol I Dimension Sheet 3-Mack	lio and visually					,	
110 *110* Mill Conv		CONVENTIONAL MIL	LING MACHINE	0.00	Po	13/0	01/13	6	Ø.		
Conventional Millin	g Machine		eyway and inspect per atta		•					-	
nd.	<del></del> .		,					····			1
*120 *120* OC		QC1- Inspect dimension	ns to dimension sheet	0.00	0 13/	51/12		6	Ø		

Quality Control

DQA:	Date:	

NCR: Yes / No

## **WORK ORDER NON-CONFORMANCE / UPDATE**

Wert.	103 /	NO				WORK ORDER HOR			VIANCE / OI D		QA Closed:	Date	2:
Work Orde	 er:	-				DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Part N			•			Rework Scrap			Skid-tube Machining	Crosstube Small Fab	Pro	Water Jet d. Eng. Coor.	Engineering Quality
NCR N	lo				<u> </u>	Use-as-is Work Order Update			noforming Large Fab	Finishing Composite	Rec/Stor	e/Packaging Supplier	Other
Root					Descri	ption of work order update	Ini	tial	Acti	ion	Sign &		
Cause	Da	ite St	ep	Qty		or Non-conformance	Chie	f Eng	Descri	iption	Date	Verification	QC Inspector
Doc/Data													
Equip/Tooling													
Operator													
Material													
Setup													
Other													
Process			- 1										
Supplier													
Training													
Unapproved													•
						F	AULT	CATE	GORY				
Landi	ng Gear					General				· <u>·                                    </u>			
	Bend	ling				Bend	G	rain		-	Ovalized	[	Pressure/Forced
	Cent	re Not Co	ncent	ric to (	D/S	BOM/Route	Шн	ardwa	re		Over/Under	tolerance	Temperature/Cure
ļ	Crac	ks				Broken/Damaged	In	specti	on Incomplete		Part Incorre	ct	Weld
	Crus	hed/Crim	ped.			Burrs	In	struct	ions Incomplete/U	Inclear	Part Lost/Mi	ssing	Wrong Stock Pulled
	Cuffs	i				Contamination	Шм	1ainte	nance		Part Moved	_	
	Heat	Treat				Countersink	$\square$	1islabe	led		Positioned V	Vrong _	
	Inspe	ection Stri	ip in T	ube		Cut Too Short	$\square$	1isread	I		Power Loss/	Surge	Other
	Ripp	les in Ben	ıd			Drill Holes	o	ffset			- ·		
	Torq	ue Waves	s in Ext	trusior	າ 🗀	Drawing		ut of (	Calibration				
	Turn	ing Seque	ence			Finish	По	ut of S	equence				

Outside Dimensions

Wave/Twist in Tube

Folio

H:/FOMMS/Quality Assurance\approved QA/NCRWO Rev G

140

Chemical Conversion Coat per OSI005 4.1

0.00

\*140\* HandFinish

Memo

0.00

Hand Finishing

150

\*150\*

Powdercoat

Powder Coating

White Gloss(Ref:4.3.5.1) per OSI005 4.3-Alum

0.00

Memo

0.00

6 \$ H 13-1-17.

Page 2

Insp.

Stamp

OAS.

08

			DQA:
NCR:	Yes / No	WORK ORDER NON-CONFORMANCE / UPDATE	
			OA Clasadi

									QA Closed:	Date	2:
Work Orde	r:				DISPOSITION			AGAINST DE	PARTMENT	/PROCESS	
Part N NCR N	0				Rework Scrap Use-as-is Work Order Update	The	Skid-tube  Machining rmoforming  Large Fab	Crosstube Small Fab Finishing Composite	4	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root				Descri	ption of work order update	Initial	A	ction	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chief En	g Des	cription	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Dperator Material Setup								·			
Other											
Process		·									
Supplier	_										
Training											16
Unapproved		<u> </u>									
						AULT CAT	EGORY				
Landin	g Gear				General	<b>—</b> а.			1	г	<b></b>
}	Bending Centre N	ot Conco	atric to 1	)/s	Bend BOM/Route	Grain		ļ	Ovalized Over/Under	taloranco	Pressure/Forced Temperature/Cure
ŀ	Cracks	or concei	itile to v	~, ⊢	Broken/Damaged	<b>—</b>	ction Incomplete	-	Part Incorre	<del>-</del>	Weld
-	Crushed/	Crimned		-	Burrs	<del></del>	ctions Incomplete	/inclear	Part Lost/M	<b>⊢</b>	Wrong Stock Pulled
}	Cuffs	cimped,			Contamination		tenance	, officient	Part Moved		
<u> </u>	Heat Trea	at		-	Countersink	Mislal			Positioned V	Vrong	
ŀ	Inspectio		Tube		Cut Too Short	Misre			Power Loss/		Other
ŀ	Ripples in	•			Drill Holes	Offset		_	J. 5.1.c. 2555/		12
F	Torque W		xtrusion	,	Drawing	$\vdash$	f Calibration				
	Turning S			<del> </del>	Finish	$\vdash$	f Sequence				
[	Wave/Tw				Folio	$\vdash$	de Dimensions				

\_\_\_ Date: \_\_\_\_\_

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Work Orde November-27-12				*930	143*							Page 3
Revision ID:	D2938-1 Saddle LH Out	, 206		Accept	*N900	<u>040</u>	100	)*	Setup	Start Stop	IV	S1* S2*
	11/27/12	Start Qty: 6.00 Req'd Qty: 6.00	*6* *6*		Cust Item I Customer:	ID:						. 12
Approvals:		n:	Date:	Tooling: SPC (Y/N):		ate:			Run	Star Stop		R1* R2*
Sequence ID/ Work Center ID 160 *160* QC Quality Control		Operation Description QC3- Inspect Part Finish Memo	6	Set Up/ Run Hours 0.00	Tool ID	Tool #	Plan Code	Accept Qty	Qt	ject y	Reject Number	Insp. Stamp
*170* Packaging Packaging		Identify as per dwg & Sto  Memo	ck Location	0.00				(X				13-01-13
180 *180* QC Quality Control		QC21- Final Inspection -  Memo	Work Order Release	0.00						[2	3/01/	122 10

									DQA:	Date:	
NCR:	Yes / No				WORK ORDER NON-C	ONFOR	MANCE / UPDA	ATE	·		
	·								QA Closed:	Date:	
Work Orde	er:				DISPOSITION			AGAINST DE	PARTMENT	/PROCESS	
Part N	No				Rework Scrap Use-as-is Work Order Update		Machining noforming	Crosstube Small Fab Finishing Composite		Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root				Descri	ption of work order update	Initial	Actio	n	Sign &		
Cause	Date	Step	Qty	(	or Non-conformance	Chief Eng	Descrip	tion	Date	Verification	QC Inspector
Doc/Data											
Equip/Tooling								:			
Operator		1			·			·			
Material											
Setup				i:							
Other					·						
Process											
Supplier			.:								
Training											
Unapproved									•		·
		"			F	<b>AULT CATE</b>	GORY				
Landi	ng Gear				General						
	Bending				Bend	Grain			Ovalized		Pressure/Forced
	Centre N	ot Conce	ntric to	o/s	BOM/Route	Hardwa	re		Over/Under	tolerance	Temperature/Cure
	Cracks				Broken/Damaged	Inspect	ion Incomplete		Part Incorre	ct	Weld
	Crushed/	Crimped			Burrs .	Instruct	ions Incomplete/Un	clear	Part Lost/Mi	issing	Wrong Stock Pulled
	Cuffs				Contamination	Mainte	enance		Part Moved		-
	Heat Trea	at			Countersink	Mislabe	eled		Positioned V	Vrong	

Misread

Out of Calibration

Out of Sequence

Outside Dimensions

Offset

Power Loss/Surge

Other

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Inspection Strip in Tube

Torque Waves in Extrusion

Cut Too Short

Drill Holes

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Work Order ID:

93943

Parent Item:

D2938-1

Parent Item Name:

Saddle LH Out, 206

**Start Date:** 11/27/12

Required Date: 12/14/12

Start Qty: 6.00

Required Qty: 6.00

Comments:

IPP: B 00.06.26 New DWG rev (mpp 2069)EC

	IPP Rev:C As per												C/ /
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D6101-003		Manufactured	No			100	Each	140.0000	1	6		<del></del>	
Saddle Billet, 7075				Location		Loc Oty	<u>Lo</u>	c Code	ary ar				
				MAT040		79							
				7377	5	2							
				7378	0	7							
				7859	9	10				•			
				8076	5	0						•	
				9123	9	60						-	
				MAT042		60					- 1		
				9123	8	30			E	,	FK 7.	3/01/	13
				9253	1	30							
				MAT044		1							
				7376	9	1							

Page 1

			DQA:	Date:
NCR:	Yes / No	WORK ORDER NON-CONFORMANCE / UPDATE		

										QA Closed:	Date	2:
Work Orde	or.				DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Part N					Rework		Ν	Skid-tube Machining oforming	Crosstube Small Fab Finishing	-1	Water Jet d. Eng. Coor. re/Packaging	Engineering Quality Other
NCR N	lo	<del></del>			Work Order Update	]   '''		Large Fab	Composite	, Recystor	Supplier	Other
Root				Descri	ption of work order update	Initia	al	Ac	tion	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chief E	Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved												
опарриочеа	l	L	<b>L</b>		F	AULT CA	ATEG	ORY		1	<b>.</b>	_ , <b>l</b> , <u>-</u>
Landin	ng Gear				General	·			<u> </u>			
	Bending Centre No		ntric to (	o/s	Bend BOM/Route Broken/Damaged	Insp	dwar oectio	on Incomplete		Ovalized Over/Under Part Incorre	ct	Pressure/Forced Temperature/Cure Weld
	Crushed/ Cuffs	Crimped.		-	Burrs Contamination	<del></del>		ons Incomplete/ nance	Unclear	Part Lost/M Part Moved	issing	Wrong Stock Pulled
	Heat Trea	at			Countersink	Mis	label	ed		Positioned \	Wrong _	
	Inspectio	n Strip in	Tube		Cut Too Short	Mis	read			Power Loss/	'Surge [	Other
	Ripples in	Bend			Drill Holes	Offs	set					
	Torque W	/aves in E	xtrusio	n [	Drawing	Out	t of C	alibration				
	Turning S	equence			Finish	Out	t of S	equence				
. [	Wave/Tw	ist in Tub	e		Folio	Out	tside	Dimensions				

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

DART AEROSPACE LTD	Work Order:	93943 .
-		
Description: 206 Saddle, Outboard, Left side	Part Number:	D2938-1
Inspection Dwg: D2938 Rev. C		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2938 Rev. C and record below:

				Re					
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	Ву	Date
Α	0.100	0.140		-132	132	, 129	.179		
В	0.100	0.140		.132	133	. 131	-131		
С	0.100	0.140		(113	115	- 114	-114		
D	0.210	0.230		. 118	218	- 11L	-221		
Ē	1.245	1.255		1.250	1 250	1.250	1.250		
F	1.245	1.255		1.250	1.250	1.250	1.250		
G	2.495	2.505		2,500	2.500	2.500	2.500		
Н	0.510	0.515		+514	-514	-514	-S14		
	1.572	1.582		1.577	1,577	1,577	1.577		
J	2.495	2.505		2.50	2.500	2.500	2.500		
K	0.257	0.262		. 258	.258	.258	.258		
L	0.312	0.317		.314	.314	.314	314		
M	0.235	0.240		,237	.237	.237	237		
N	0.100	0.140		. 123	. 120	. 119	118		
0	0.540	0.560		, 550	1549	1549	.549		
Р	0.490	0.510		SOO	.498	4497	.497		
Q	3.715	3.725		3720	3:720	3,720	3,720		
R	2.720	2.760		2.738	2 738	2 738	2.738		
S	0.240	0.270		. 249	.250	.747	.249		
T	0.100	0.180		. 135	.135	. 135	135		
U	1.625	1.635		1.630	1.630	1,630	1.630		
V	1.362	1.372		1.367	1.367	1.367	1.367	"	
W	0.316	0.321		.316	.316	.316	.36		
Χ	1.250	1.270	*	1.162	1,261	1,261	1,259		
Υ	1.565	1.585		1577	1.576	1.575	1.574		
Z	0.178	0.198		- 188	188	. 188	.188.		
AA				-0-			- 12		
AB			1 - 6 494						
AC									
AD									
ΑE									
AF									
AG									
АН									
	Acc	ept/Reje	ct	www					

Measured by: Q	)		Audited by	13/01	/17/	DAG
Date: /3	101	12	Date:	75	77	08
					_	.0 60.

Rev	Date	Change	Revised by	Approved
Α		New Issue	RF	
В	02.12.12	Reformat; Added Dim. X-Y, DT8683, DT8686, DT8690	KJ/RF	1
,C	07.03.21	Revised per drawing revision C	KJ/JLM 🔏	adl
•				727

DART AEROSPACE LTD	Work Order:	93943.
Description: 206 Saddle, Outboard, Left side	Part Number:	D2938-1
Inspection Dwg: D2938 Rev. C		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2938 Rev. C and record below:

			Recorded Actual Dimensions						
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	Ву	Date
Α	0.100	0.140		1178	.128		, ,		
В	0.100	0.140	<u> </u>	. 131	.130				
С	0.100	0.140		4112	.115				
D	0.210	0.230		. 221	. 115 . 222				
E	1.245	1.255		1,250	1,20				
F	1.245	1.255		1.250	1,250			1.	
G	2.495	2.505		2.500	2,500	-			
Н	0.510	0.515		.314	.514				
1	1.572	1.582		1.577	1,577				
J	2.495	2.505		1.500	2.500				
K	0.257	0.262		.258	. 258				
L	0.312	0.317		.314	.34				
M	0.235	0.240		.237	237				
N	0.100	0.140		. 119	.119				
0	0.540	0.560		-548	548				·-·······
Р	0.490	0.510		.500	3,720				
Q	3.715	3.725		3.720	3.720				
R	2.720	2.760		2.738	2.739			-	
S	0.240	0.270		. 250					
Т	0.100	0.180		.135	-250 -(35				
U	1.625	1.635		1630	1,630				
- V	1.362	1.372		1367	1.367				
W	0.316	0.321		316	.316	Ò			
Χ	1.250	1.270		1.260	1.260				ė.
Υ	1.565	1.585		1.574	1.574				
Z	0.178	0.198		188	-188				
AA				71-2	102				
AB									
AC									
AD		-							
ΑE									
AF									
AG									
АН									
	Acc	ept/Reje	ct						

		nA c
Measured by: QD	Audited by	<b>A</b> 08
Date: 13/01/13	Date: 13	TOI 14 8.8
	· · · · · · · · · · · · · · · · · · ·	

Rev	Date	Change	Revised by	Approved
Α		New Issue	RF	
В	02.12.12	Reformat; Added Dim. X-Y, DT8683, DT8686, DT8690	KJ/RF	1
С	07.03.21	Revised per drawing revision C	KJ/JLM	Cid
			7/1	7,007



